

Converting Colors

Hex(7198D6)

Have a look what the booklet for
Hex(7198D6) contains.

Hex(7198D6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7198D6)

Conversions

Conversions Part 1

Format	Color
Hex	7198D6
RGB	113, 152, 214
RGB Percent	44%, 60%, 84%
CMY	0.5569, 0.4039, 0.1608
CMYK	0.47, 0.29, 0.00, 0.16
HSL	217°, 55%, 64%
HSV	217°, 47%, 84%
XYZ	30.1759, 30.8222, 67.9772
YIQ	147.4070, -43.1460, 11.0140

Conversions

Conversions Part 2

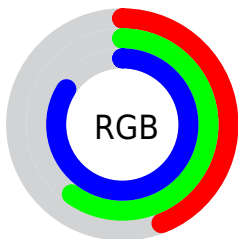
Format	Color
R_{YB}	113, 141, 214
Decimal	7444694
CIE _{Lab}	62.36, 3.35, -35.84
CIE _{LCh}	62, 35.992, 275.340
Yxy	30.8222, 0.2340, 0.2390
Android (android.graphics.Color)	4285634774 (0xFF7198D6)
YUV	147.4070, 32.8303, -30.1749
Hunter-Lab	55.5178, -0.1350, -33.7335

Details

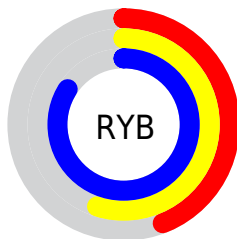
The Hex color **7198D6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D6AF71**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A9CEFF**, and **38659F** is the 20% darker color. If you saturate the color by 10%, you get **5C8BD6**, and if you desaturate by 10%, it is **86A5D6**.

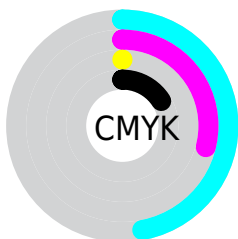
Distribution



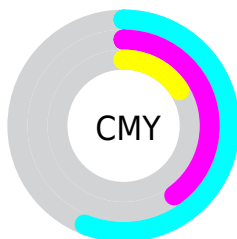
- Red (44%)
- Green (60%)
- Blue (84%)



- Red (44%)
- Yellow (55%)
- Blue (84%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7198D6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7198D6 by changing the saturation by 10% instead.

■ 7198D6

■ 7198D6

FFFFFF

■ 557EBA

■ A9CEFF

■ 38659F

■ C6EAFF

■ 154E85

■ E3FFFF

■ 00376B

■ 002252

■ 000B3B

■ 000225

■ 00010D

■ 000000

 7198D6

 7198D6

 5C8BD6

 86A5D6

 467ED6

 9CB2D6

 3171D6

 B1BFD6

 1B63D6

 C7CDD6

 0656D6

 DCDAD6

 0053D6

 F1E7D6

 FFF4D6

 FFFFD6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34A1D0



7198D6



A28CCB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7198D6



D28273



5CA67B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7198D6



D6AF71

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84A061



7198D6



C18C5D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7198D6



D47E92



A69756



2BA89C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7198D6



BA85BB



A69756



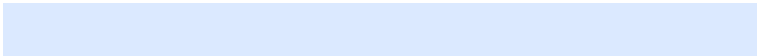
6AA471

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7198D6



DBE9FF



71D6AE



6A7280



000000



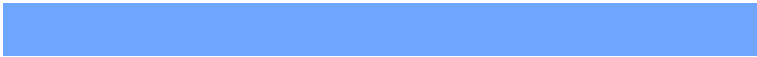
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7198D6



6EA6FF



7B71D6



60656B



0042AB



00112B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D67198



FF6EA6



CCD671



6B6065



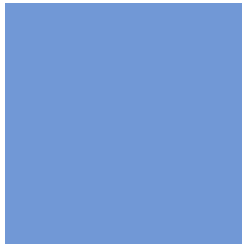
AB0042



2B0011

Previews

White Background



This preview shows how the Hex color 7198D6 looks on a white background.

Color Contrast Check

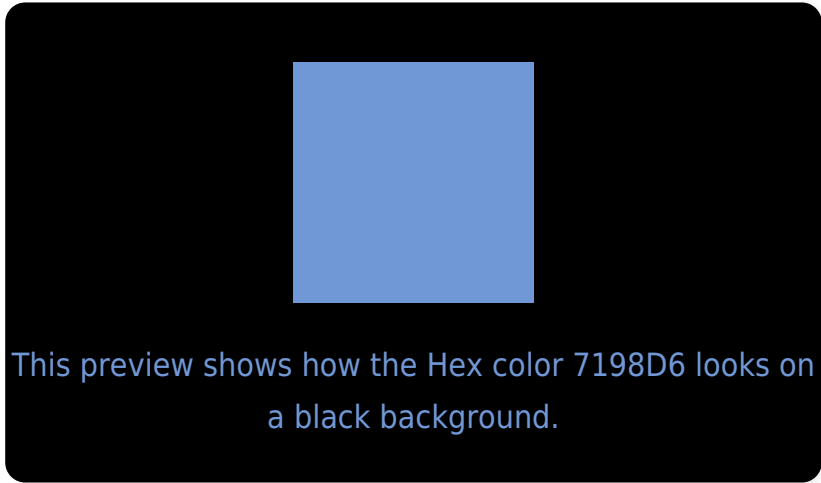
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

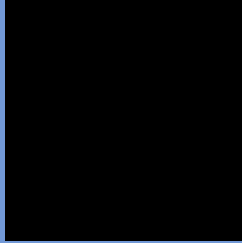
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

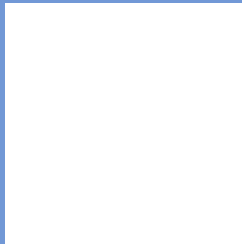
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7198D6 Background



This preview shows how black text looks on a background with the Hex color 7198D6.



This preview shows how white text looks on a background with the Hex color 7198D6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
7198D6

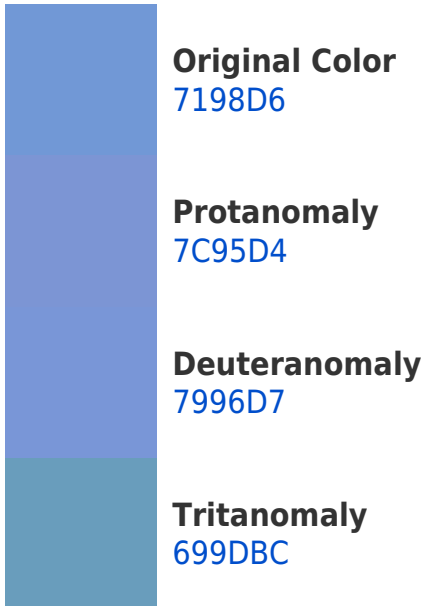
Protanopia
8394D3

Deuteranopia
7E95D7

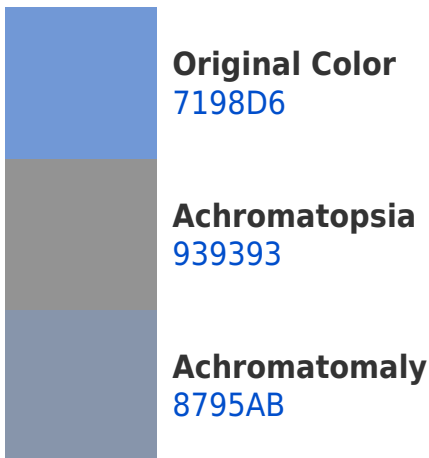


Tritanopia
65A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7198D6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7198D6 looks like.

```
.text, #text, p{  
    color:#7198D6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7198D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7198D6  
}
```

Border

The CSS property to change the border of an element to Hex 7198D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7198D6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7198D6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7198D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7198D6; -webkit-box-shadow:4px 4px  
4px 4px #7198D6; box-shadow:4px 4px 4px  
4px #7198D6 }
```

Background

The CSS property to change the background color of an element to Hex 7198D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7198D6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7198D6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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